

WEST Search History

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DATE: Friday, January 23, 2004

Hide? Set Name Query**Hit Count***DB=USPT,PGPB; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L11	L10 and ring adj1 opening adj polymerization	3
<input type="checkbox"/>	L10	L9 and hydroxyalkyl adj2 methacrylate	37
<input type="checkbox"/>	L9	L8 and melamine	226
<input type="checkbox"/>	L8	L7 and (curable or cured or curing)	319
<input type="checkbox"/>	L7	composition and acrylic adj1 polyol and lactone	350
<input type="checkbox"/>	L6	L5 and caprolactone	2
<input type="checkbox"/>	L5	L4 and lactone	2
<input type="checkbox"/>	L4	L3 and aminoplast	6
<input type="checkbox"/>	L3	L2 and hydroxyalkyl adj1 methacrylate	7
<input type="checkbox"/>	L2	L1 and acrylic adj1 polyol	161
<input type="checkbox"/>	L1	water adj1 based and coating adj1 composition and melamine	1451

END OF SEARCH HISTORY

First Hit☐ [Generate Collection](#) [Print](#)

L16: Entry 1 of 3

File: JPAB

Sep 5, 1997

PUB-NO: JP409230594A

DOCUMENT-IDENTIFIER: JP 09230594 A

TITLE: PHOTOPOLYMERIZABLE COMPOSITION

PUBN-DATE: September 5, 1997

INVENTOR-INFORMATION:

NAME

COUNTRY

KONDO, SHUNICHI

AOSHIMA, KEITARO

ASSIGNEE-INFORMATION:

NAME

COUNTRY

FUJI PHOTO FILM CO LTD

APPL-NO: JP08039903

APPL-DATE: February 27, 1996

INT-CL (IPC): G03 F 7/033; G03 F 7/00; G03 F 7/027; G03 F 7/027; G03 F 7/028

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a photopolymerizable composition very high in sensitivity to lights in the visible wavelength region and superior in developability, ink receptivity, gradation, and printing resistance.

SOLUTION: This photopolymerizable composition comprises an addition- polymerizable compound having at least one ethylenically unsaturated bond, a photopolymerization initiator, and a copolymer comprises each one of the following compounds; (A) allyl acrylate or allyl methacrylate, (B) benzyl acrylate, benzyl methacrylate, hydroxy-alkyl methacrylate, or hydroxyalkyl acrylate, and (C) acrylic acid or methacrylic acid as structural units.

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WEST Search History

DATE: Friday, January 23, 2004

Hide?	Set Name	Query	Hit Count
<i>DB=JPAB; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L19	L15 and ?lactone?	0
<input type="checkbox"/>	L18	L16 and ?lactone	0
<input type="checkbox"/>	L17	L16 and lactone	0
<input type="checkbox"/>	L16	L15 and acrylic	3
<input type="checkbox"/>	L15	composition and hydroxy alkyl same methacrylate	7
<input type="checkbox"/>	L14	hydroxyalkyl methacrylate composition and lactone	0
<input type="checkbox"/>	L13	cur\$4 and composition and lactone and hydroxyalkyl methacrylate	0
<input type="checkbox"/>	L12	curable resin composition and acrylic polyol resin and hydroxyalkyl methacrylate	0
<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L11	L10 and ring adj1 opening adj polymerization	3
<input type="checkbox"/>	L10	L9 and hydroxyalkyl adj2 methacrylate	37
<input type="checkbox"/>	L9	L8 and melamine	226
<input type="checkbox"/>	L8	L7 and (curable or cured or curing)	319
<input type="checkbox"/>	L7	composition and acrylic adj1 polyol and lactone	350
<input type="checkbox"/>	L6	L5 and caprolactone	2
<input type="checkbox"/>	L5	L4 and lactone	2
<input type="checkbox"/>	L4	L3 and aminoplast	6
<input type="checkbox"/>	L3	L2 and hydroxyalkyl adj1 methacrylate	7
<input type="checkbox"/>	L2	L1 and acrylic adj1 polyol	161
<input type="checkbox"/>	L1	water adj1 based and coating adj1 composition and melamine	1451

END OF SEARCH HISTORY

DeSaw, Shawn A.	McMurray	PA	US
Hartman, Marvis E.	Pittsburgh	PA	US
Hayes, Deborah E.	Verona	PA	US
Hockswender, Thomas R.	Gibsonia	PA	US
Kuster, Kymarie L.	Pittsburgh	PA	US
Nakajima, Masayuki	Wexford	PA	US
Olson, Kurt G.	Gibsonia	PA	US
Sadvary, Richard J.	Pittsburgh	PA	US
Simpson, Dennis A.	Pittsburgh	PA	US
Tyebjee, Shiryn	Allison Park	PA	US
Wilt, Truman F.	Clinton	PA	US

US-CL-CURRENT: [524/588](#); [525/100](#), [525/102](#), [525/474](#), [525/476](#), [528/26](#), [528/28](#), [528/29](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 13. Document ID: US 20030207039 A1

L1: Entry 13 of 78

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030207039

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030207039 A1

TITLE: Method of manufacturing golf ball

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Takahashi, Masatoshi	Hyogo		JP	
Sano, Hideki	Hyogo		JP	

US-CL-CURRENT: [427/385.5](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 14. Document ID: US 20030204013 A1

L1: Entry 14 of 78

File: PGPB

Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030204013

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030204013 A1

TITLE: Highly crosslinked polymer particles and coating compositions containing the same

PUBLICATION-DATE: October 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Swarup, Shanti	Allison Park	PA	US	
Endlich, Brian	Apollo	PA	US	
Haley, M. Frank	Glenshaw	PA	US	
Kania, Charles M.	Natrona Heights	PA	US	
Olson, Kurt G.	Gibsonia	PA	US	
Pagac, Edward S.	Portersville	PA	US	
Ragunathan, Kaliappa G.	Pittsburgh	PA	US	

US-CL-CURRENT: [524/558](#); [524/560](#), [524/563](#), [524/565](#), [524/600](#), [524/601](#), [524/606](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 15. Document ID: US 20030187152 A1

L1: Entry 15 of 78

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187152

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187152 A1

TITLE: Coating composition used for golf ball and golf ball using the same

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shimura, Noriyuki	Washimiya		JP	
Sugimoto, Kazuya	Washimiya		JP	
Miyata, Yutaka	Kuki		JP	
Ohira, Takashi	Chichibu		JP	

US-CL-CURRENT: [525/450](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 16. Document ID: US 20030176592 A1

L1: Entry 16 of 78

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030176592

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030176592 A1

TITLE: Polyether carbamate compounds, compositions containing such compounds, and methods related thereto

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Swarup, Shanti	Allison Park	PA	US	
Hart, Michael P.	Cleveland Heights	OH	US	
Jia, Christiana Yichun	University Heights	OH	US	
Pagac, Edward S.	Portersville	PA	US	
Taylor, Cathy A.	Allison Park	PA	US	
Zeinka, Elizabeth A.	Cranberry Township	PA	US	

US-CL-CURRENT: 525/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 17. Document ID: US 20030149227 A1

L1: Entry 17 of 78

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030149227

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030149227 A1

TITLE: Lowly lactone-modified reactive monomer composition, acrylic polyol resins produced with the same, curable resin compositions and coating compositions

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Okazaki, Akira	Ohtake-shi		JP	

US-CL-CURRENT: 528/310

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 18. Document ID: US 20030149127 A1

L1: Entry 18 of 78

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030149127

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030149127 A1

TITLE: Radiation curable compositions

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jansen, Johan F.G.A.	Geleen		NL	
Dias, Aylvin J.A.A.	Maastricht		NL	

Dorschu, Marko Beek NL
Coussens, Betty B. Houthalen BE

US-CL-CURRENT: 522/178

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 19. Document ID: US 20030144455 A1

L1: Entry 19 of 78

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030144455
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030144455 A1

TITLE: Ultraviolet-absorbing resin, aqueous resin emulsion, resin composition,
aqueous resin emulsion composition and use thereof, and aqueous polyurethane
emulsion

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Inokami, Kiyotaka	Takasago-shi		JP	
Endo, Toshio	Hiroshima		JP	
Fujii, Tatsumi	Hiroshima		JP	

US-CL-CURRENT: 528/73; 428/423.1, 428/904, 524/591

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 20. Document ID: US 20030125555 A1

L1: Entry 20 of 78

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030125555
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030125555 A1

TITLE: Long chain hindered amines and compositions stabilized therewith

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wood, Mervin G.	Poughquag	NY	US	
Smith, Andrea R.	Wingdale	NY	US	
Galbo, James P.	Wingdale	NY	US	

US-CL-CURRENT: 544/198; 44/275, 546/244, 546/245

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
COMPOSITION	752510
COMPSN	235
COMPSNS	47
COMPOSITIONS	461159
ACRYLIC	191749
ACRYLICS	14048
POLYOL	46053
POLYOLS	48223
LACTONE	21052
LACTONES	14732
@PD	7713493
((COMPOSITION AND ACRYLIC ADJ1 POLYOL AND LACTONE) AND @PD > 20020906).USPT,PGPB.	78

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WEST

The Contents of Case 09890321

Qnum	Query	DB Name	Thesaurus	Operator	Plural
Q1	water adj1 based and coating adj1 composition and melamine	USPT,PGPB	None	ADJ	YES
Q2	Q1 and acrylic adj1 polyol	USPT,PGPB	None	ADJ	YES
Q3	Q2 and hydroxyalkyl adj1 methacrylate	USPT,PGPB	None	ADJ	YES
Q4	Q3 and aminoplast	USPT,PGPB	None	ADJ	YES
Q5	Q4 and lactone	USPT,PGPB	None	ADJ	YES
Q6	Q5 and caprolactone	USPT,PGPB	None	ADJ	YES
Q7	composition and acrylic adj1 polyol and lactone	USPT,PGPB	None	ADJ	YES
Q8	Q7 and (curable or cured or curing)	USPT,PGPB	None	ADJ	YES
Q9	Q8 and melamine	USPT,PGPB	None	ADJ	YES
Q10	Q9 and hydroxyalkyl adj2 methacrylate	USPT,PGPB	None	ADJ	YES
Q11	Q10 and ring adj1 opening adj polymerization	USPT,PGPB	None	ADJ	YES

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20030149227 A1

Using default format because multiple data bases are involved.

L11: Entry 1 of 3

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030149227

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030149227 A1

TITLE: Lowly lactone-modified reactive monomer composition, acrylic polyol resins produced with the same, curable resin compositions and coating compositions.

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Okazaki, Akira	Ohtake-shi		JP	

US-CL-CURRENT: 528/310

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 6080816 A

L11: Entry 2 of 3

File: USPT

Jun 27, 2000

US-PAT-NO: 6080816

DOCUMENT-IDENTIFIER: US 6080816 A

**** See image for Certificate of Correction ****

TITLE: Coatings that contain reactive silicon oligomers

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gregorovich; Basil V.	Wilmington	DE		
Hazan; Isidor	Clementon	NJ		
Wilczek; Lech	Wilmington	DE		

US-CL-CURRENT: 525/100; 525/101, 528/10, 528/12, 528/25, 528/26, 528/28, 528/29,

528/32, 528/33, 528/43

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWMC	Draw De
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☐ 3. Document ID: US 4916254 A

L11: Entry 3 of 3

File: USPT

Apr 10, 1990

US-PAT-NO: 4916254

DOCUMENT-IDENTIFIER: US 4916254 A

TITLE: Process for producing epsilon-caprolactone-modified hydroxyalkyl acrylate or methacrylate and coating copolymer from the same

DATE-ISSUED: April 10, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Shoji	Ohtake			JP
Okitsu; Kiyoshi	Ohtake			JP

US-CL-CURRENT: 560/185; 560/189, 560/209

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWMC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
RING	740468
RINGS	274693
OPENING	1146693
OPENINGS	488006
POLYMERIZATION	183272
POLYMERISATION	12138
POLYMERISATIONS	576
POLYMERIZATIONS	13412
(10 AND ((RING ADJ1 OPENING) ADJ POLYMERIZATION)).USPT,PGPB.	3
(L10 AND RING ADJ1 OPENING ADJ POLYMERIZATION).USPT,PGPB.	3

Display Format:

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 11 through 20 of 78 returned.

☐ 11. Document ID: US 20030208071 A1

Using default format because multiple data bases are involved.

L1: Entry 11 of 78

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030208071

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030208071 A1

TITLE: Polyoxometalate catalysts for the preparation of sterically hindered N-substituted aryloxyamines

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Judd, Deborah	Poughkeepsie	NY	US	
Shum, Sai P.	Jamesburg	NJ	US	
Pastor, Stephen D.	Danbury	CT	US	

US-CL-CURRENT: 544/207; 546/189, 548/542

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 12. Document ID: US 20030207985 A1

L1: Entry 12 of 78

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030207985

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030207985 A1

TITLE: Coating compositions having improved scratch resistance, coated substrates and methods related thereto

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Anderson, Lawrence G.	Pittsburgh	PA	US	
Barkac, Karen A.	Murrysville	PA	US	

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